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mobile computing device **102**, which may be utilized to provide a variety of inputs, e.g., as a keyboard, gestures, use of a cover, and so forth.

The peripheral device **1402** may be secured to the mobile computing device **102** in a variety of ways. For example, the peripheral device **1402** may include a connection portion **1404** having a channel, into which, the mobile computing device **102** may be inserted when in the tablet mode **126** or other modes. The connection portion **1404** may be configured to form a removable physical connection, such as through a hook and slot arrangement, magnets (e.g., a flux fountain in which magnets are used to steer a magnetic field of other magnets to increase a retention force), plug and receptacle, mechanical binding through the use of protrusions, and so forth. The removable physical connection, for instance, may be formed between the connection portion **1404** and one or more of the first, second, and third housings **714**, **716**, **718**. A variety of other examples are also contemplated without departing from the spirit and scope thereof.

FIGS. **15A** and **15B** depict an example implementation **1500** in which a secondary display device is also included as part of the display device. This example is shown using a perspective view **1502** and a cut-away view **1504**. In both view, the first and second housings **118**, **120** are illustrated in a closed configuration such that the display device **110** is disposed internally between the housings.

A secondary display device **1506** is illustrated as disposed on the first housing **118** to be viewable when in this closed configuration. The secondary display device **1506** may be configured as the same or different from the display device **110**, such as an “e-ink” or cholesteric display that consumes less power.

FIGS. **16A** and **16B** depict an example implementation **1600** in which an additional configuration supported by folding of the housing in relation to each other is shown. This example implementation includes a first multi-view configuration **1602** and a second multi-view configuration **1604**. In the first multi-view configuration **1602**, the first and second housings **118**, **120** form a tent-like structure when placed on a surface. In this way, the display device **110** is viewable at opposing sides of the computing device **102**.

In the second multi-view configuration **1604**, the computing device **102** having first, second, and third housings **714**, **716**, **718** is shown. In this example, the third housing **718** is laid flat against a surface and as such a display device disposed on the third housing **718** is not viewable. However, the first and second housings **714**, **716** form a tent-like structure (e.g., a “A” structure) such that the display device **110** is viewable on opposing sides of the computing device **102**. A biasing structure **1606** may be included to secure the first and third housings **714**, **718** to each other (e.g., through use of magnets, mechanical devices, and so on) and thus promote stability of the mobile computing device **102**. A variety of other examples are also contemplated without departing from the spirit and scope thereof.

CONCLUSION

Although the invention has been described in language specific to structural features and/or methodological acts, it is to be understood that the invention defined in the appended claims is not necessarily limited to the specific features or acts described. Rather, the specific features and acts are disclosed as example forms of implementing the claimed invention.

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What is claimed is:

1. A mobile computing device comprising:

a plurality of housings;

a display device that is flexible; and

a flexible hinge structure that:

secures the plurality of housings to each other;

permits the plurality of housings to rotate about an axis in relation to each other, the flexible hinge structure supporting a plurality of configurations of the plurality of housings in relation to each other, one said configuration positioning the plurality of housings along a single plane and at least a second said configuration positioning the plurality of housings stacked in relation to each other configured to expose at least a portion of the display device so as to be viewable;

contacts the display device that is flexible; and

supports a continuous viewing area of the display device that extends across the plurality of housings and the flexible hinge structure.

2. A mobile computing device as described in claim 1, wherein:

each of the plurality of housings includes a first outer surface, on which, the display device is secured;

the plurality of housings is configured to be positioned using the flexible hinge structure such that the first outer surfaces define the single plane; and

the flexible hinge structure includes a first flexible member that has a first outer surface that, together with the first outer surfaces of the plurality of housings is continuous along the defined single plane through which the continuous viewing area of the display device extends.

3. A mobile computing device as described in claim 2, wherein:

each of the plurality of housings includes a second outer surface that is opposite to the first outer surface;

the plurality of housings are configured to be positioned using the flexible hinge structure such that the second outer surfaces define a second plane that is parallel to the single plane; and

the flexible hinge structure includes a second flexible member that has a second outer surface that, together with the second outer surfaces of the plurality of housings is continuous along the second plane that is generally parallel to the defined single plane.

4. A mobile computing device as described in claim 2, wherein the first flexible member is configured to support a minimum bend radius of the display device.

5. A mobile computing device as described in claim 1, wherein the flexible hinge structure contacts the display device in a space between the plurality of housings and supports the display device in the space between the plurality of housings.

6. A mobile computing device as described in claim 1, wherein the at least second said configuration in which the plurality of housings are stacked is configured to expose the portion of the display device along a curvature of the flexible hinge structure.

7. A mobile computing device as described in claim 1, further comprising a biasing mechanism configured to bias positioning of the plurality of housings in a particular one of the plurality of configurations.

8. A mobile computing device as described in claim 7, wherein the biasing mechanism uses magnets or a mechanical device.